

32-6536: sCD40L Mouse, sf9

Alternative Name : CD40 ligand, T-cell antigen Gp39, TNF-related activation protein, TRAP, Tumor necrosis factor ligand superfamily member 5, CD154, CD40lg, CD154, CD40-L, Cd40l, gp39, HIGM1, IGM, IMD3, Ly-62, Ly62, T-BAM, Tnfsf5.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

CD40L or CD154 is a membrane glycoprotein and differentiation antigen expressed on the surface of T-cells. The CD40 ligand stimulates B-cell proliferation and secretion of all immunoglobulin isotypes in the presence of cytokines . CD40 ligand has been shown to induce cytokine production and tumoricidal activity in peripheral blood monocytes. It also costimulates proliferation of activated T-cells and this is accompanied by the production of IFN-gamma , TNF-alpha , and IL2.

sCD40 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 155 amino acids (112-260 a.a.) and having a molecular mass of 17.2kDa (Migrates at 18-28kDa on SDS-PAGE under reducing conditions).sCD40 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : sCD40 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MQRGDEDPQI AAHVSEANS NAASVLQWAK KGYTMSKNL VMLENGKQLT VKREGLYVYV
TQVTFCSNRE PSSQRPFIVG LWLKPSSGSE RILLKAANTH SSSQLCEQQS VHLGGVFELQ AGASVFNVT
EASQVIHRVG FSSFGLLKLH HHHHH.